

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Patent Application No. 10/698,430

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) An ~~electric wire for an~~ electric rotating machine winding comprising:

a plurality of winding members having a curved shape, each of said winding members comprising:

a first conductor which is coated with resin, and ~~of which~~ having a first diameter is A;
and

a second conductor of a truncated cone shape, including conical portions which [[is]] are formed at two ends of said coated electric wire first conductor, and of which end portions formed at said conical portions and having a second diameter at both end portions which is 90% to 50% as large as said [[A]] first diameter, wherein said winding members are joined at said end portions of said second conductors to form a continuous wave winding.

2. (Currently Amended) A method for manufacturing an electric rotating machine winding, the method comprising:

~~[[a]] forming step in which the electric wire for an electric rotating machine winding comprising: a plurality of winding members, each having a curved shape and comprising a first~~

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conductor which is coated with resin[[,]] and ~~of which has a first diameter, is A;~~ and a second conductor ~~of a truncated cone shape, including conical portions~~ which [[is]] ~~are~~ formed at two opposite ends of said ~~coated electric wire~~ first conductor, and ~~of which end portions formed at~~ said conical portions and having a second diameter at both end portions which is 90% to 50% as large as said A, is formed into a ~~predetermined shape to form a single winding member~~ first diameter;

~~an assembling step in which a plurality of aligning and joining~~ said single winding members are aligned, and said second conductors of adjacent said single winding members are joined to each other to form a winding set member, said winding members being joined at said end portions of said second conductors; and

~~a mounting step in which mounting~~ said winding set member is mounted on in a stator of [[an]] said electric rotating machine to form a stator winding;
said steps being implemented in said sequential order.

3. (Currently Amended) A manufacturing method of an electric wire for an electric rotating machine winding, the method comprising:

~~a first conductor which is coated with resin, and of which diameter is A; and a second conductor of a truncated cone shape, which is formed at two ends of said coated electric wire, and of which diameter at both end portions is 90% to 50% as large as said A,~~

~~an extension step in which a part of extending~~ an electric wire including a first conductor[[,]] which is coated with resin and of which has a first diameter is A, is extended to

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such a degree that to form second conductors at intervals of a predetermined length along said first conductor, each of said second conductors including first portions which have a conical shape and are contiguous with said first conductor, and a second portion having a diameter thereof which is 90% to 50% as large as said [[A]] first diameter at intervals of a predetermined length to form a second conductor; and, wherein said resin coating is stripped off said second conductors by said extending; and

[[a]] cutting step in which said second conductors is cut at a substantially in the middle place central position of said second in a longitudinal direction of said second conductor; and said resin coating, which has been stripped off, is removed to form a winding member which includes said first conductor and said second conductors at two opposite ends of said first conductor.